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# **Diesel Particulate Matter Retrofit Program**



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**939 Ellis Street  
San Francisco, CA 94109**

**September 2002  
(revised March 2005)**

## Introduction

This document summarizes the funding application process and program requirements for public and private Bay Area fleets interested in installing diesel particulate matter emission control strategies on heavy-duty vehicles. *We encourage potential applicants to review this document in its entirety prior to preparing a grant application.*

Heavy-duty diesel engines are a significant source of diesel particulate matter (PM<sub>10</sub>) in California. These tiny particles are responsible for about 70 percent of the total toxic risk to Californians from air pollution. Diesel PM<sub>10</sub> is linked to an increased incidence of lung cancer and non-cancer symptoms of respiratory illnesses such as asthma. The Air Resources Board (ARB) identified diesel PM<sub>10</sub> as a toxic air contaminant in August 1998.

To accelerate reductions of harmful diesel PM<sub>10</sub> from existing heavy-duty diesel vehicles, the Air District, in cooperation with ARB, has developed this voluntary retrofit program for local Bay Area fleets. This incentive program will provide funding on a first-come, first-served basis to install ARB approved particulate matter control devices. A total of \$2,000,000 was allocated for this program.

The Air District will accept applications on an ongoing basis until funds have been expended.

## Program Requirements

All requests for funding must meet the following requirements:

1. Only ARB verified Level 1, 2 or 3 diesel emission control strategies qualify for funding. A list of ARB verified retrofit devices and their manufacturers are available at <http://www.arb.ca.gov/diesel/verdev/verdev.htm>.
2. All projects shall have a minimum project life of 5 years within District boundaries.
3. All grant recipients shall report equipment usage to the District for a minimum of three years.
4. Only fleets operating within District boundaries qualify for funding.
5. Off-road applications using emission control strategies verified for on-road equipment would require ARB approval.
6. Grants will not be awarded for projects to comply with any ARB or District air quality rules or regulations (e.g. ARB regulations governing the PM emissions from refuse haulers and transit buses).

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**Payment of Funds**

1. Program will pay up to \$8,000 per qualified retrofit device. This is expected to cover the cost of hardware and installation, for most applications.
2. The Air District will make payment on a reimbursement basis after the installation of the retrofit device(s). The Air District reserves the right to physically inspect the retrofitted vehicle(s) prior to making any payment to a participating public agency.

**Matching Fund Requirements**

No matching funds are required; however, applicants will be responsible for any costs above \$8,000 per qualified retrofit device.

**Monitoring and Reporting**

1. Public Agencies that receive funding shall notify the Air District when the retrofit devices are ordered and after the devices are installed.
2. Public Agencies that receive funding will be required to track the fuel usage and annual mileage of the retrofitted vehicles for three years. Data will be submitted to the Air District by January 30 in the three years following installation.

**Application Instructions**

To receive funding, please complete the *Diesel PM Retrofit Program* application. Complete each section of the application as necessary. Fill in the vehicle information form for the diesel vehicles to be retrofitted with PM devices, completing one row for each vehicle. Applicants may attach additional information as needed.

*Printouts from electronic files, databases or other fleet maintenance programs may be substituted for the vehicle information form, provided all requested information is submitted to the Air District.*

Additional application forms are also available on the Air District's web site at [http://www.baaqmd.gov/pln/grants\\_and\\_incentives/pm10/index.asp](http://www.baaqmd.gov/pln/grants_and_incentives/pm10/index.asp) or via e-mail at [grants@baaqmd.gov](mailto:grants@baaqmd.gov).

Applications may be submitted to:

Joseph Steinberger, Principal Environmental Planner  
BAAQMD  
939 Ellis Street  
San Francisco, CA 94109

Applications will be reviewed for compliance with program requirements. All eligible projects will be funded on a first come, first served basis until funds are exhausted.

Please direct any questions regarding the Diesel PM Retrofit Program to Joseph Steinberger at (415) 749-5018 or [jsteinberger@baaqmd.gov](mailto:jsteinberger@baaqmd.gov).

## Diesel PM Retrofit Program Application

AGENCY/BUSINESS NAME:

Mailing Address:

City:

Zip

CONTACT PERSON:

☐ Name/Title/Position:

☐ Phone Number:

Fax Number:

☐ E-mail Address:

Diesel PM RETROFIT FUNDS REQUESTED: \$

Total number of vehicles to install retrofit devices (from detailed list on Page 5):

### AUTHORIZATION:

To the best of my knowledge and belief, data in this application are true and correct. All projects shall have a minimum project life of 5 years within District boundaries. The only PM retrofit devices to be installed on vehicles will be ARB Executive Order compliant (see <http://www.arb.ca.gov/diesel/verdev/verdev.htm>) Level 1, 2 or 3 diesel emission control strategies.

Name (Typed/Printed):

Title:

Signature: \_\_\_\_\_ Date:

**Proposed Vehicles to be Retrofitted with Diesel PM Devices**  
**Information Form**

<b><u>License Plate #</u></b>	<b><u>VIN Number</u></b>	<b><u>Vehicle Make &amp; Model</u></b>	<b><u>Engine</u> (make, model, year)</b>	<b><u>Retrofit Device Manufacturer/ Model Number</u></b>

Please complete one row for each vehicle to be retrofitted. Attach additional pages, as needed. ***Printouts from electronic fleet maintenance records may be substituted for the above form, provided all requested information is submitted to the Air District.***